

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**

L Number	Hits	Search Text	DB	Time stamp
1	68	encrypted with database same distributed and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 11:11
2	27	encrypted near database same distributed and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 11:19
3	1	encrypted near database same file near system and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 11:20
4	0	encrypted near meta near data same file near system and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 11:20
5	2	encrypted near meta near data and file near system and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 11:20
-	1	5677952.pn.	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:04
-	11	("4074066"   "4238854"   "4319079"   "4593353"   "4734796"   "4888798"   "4907274"   "5003597"   "5212729"   "5239581"   "5454039").PN.	USPAT	2004/07/27 12:04
-	2433	secure same file same system	USPAT; US-PGPUB; IBM_TDB	2004/07/27 12:05
-	1001	secure same file same system and @ay<2001	USPAT; US-PGPUB; IBM_TDB	2004/07/27 12:05
-	373	secure same file near system and @ay<=2001	USPAT; US-PGPUB; IBM_TDB	2004/07/27 12:05
-	329	(database or table) and secure same file near system and @ay<=2001	USPAT; US-PGPUB; IBM_TDB	2004/07/27 12:07
-	103	(database or table) same secure same file near system and @ay<=2001	USPAT; US-PGPUB; IBM_TDB	2004/07/27 12:21
-	3	(database or table) same secure near file near system and @ay<=2001	USPAT; US-PGPUB; IBM_TDB	2004/07/27 12:39
-	0	(database or table) same secure near file near system and @ay<2001	USPAT; US-PGPUB; IBM_TDB	2004/07/27 12:39
-	1	(database or table) same encryp\$ near file near system and @ay<2001	USPAT; US-PGPUB; IBM_TDB	2004/07/27 12:41
-	22	(database or table) and encryp\$ near file near system and @ay<2001	USPAT; US-PGPUB; IBM_TDB	2004/07/27 12:41
-	37	(database or table) and encryp\$ near file near system and @ay<=2001	USPAT; US-PGPUB; IBM_TDB	2004/07/27 12:42
-	23	(database or table) and encryp\$ near file near system and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/07/27 14:07
-	4	database and authenti\$ and encryp\$ near file near system and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/07/27 14:02
-	1	(ACL) and encryp\$ near file near system and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/07/27 14:07
-	32	encryp\$ near file near system and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/07/27 14:53

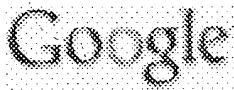
-	8	("4238854"   "4386234"   "5142578"   "5224166"   "5319705"   "5598470"   "5870468"   "5870477").PN.	USPAT	2004/07/27 14:09
-	13	crypt\$ near file near system and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/07/27 15:28
-	0	crypt\$ near file near system and @ad<=20010119 and secure same insecure same sector	USPAT; US-PGPUB; IBM_TDB	2004/07/27 15:29
-	0	crypt\$ near file near system and @ad<=20010119 and secure and insecure same sector	USPAT; US-PGPUB; IBM_TDB	2004/07/27 15:29
-	0	crypt\$ near file near system and @ad<=20010119 and plaintext same sector	USPAT; US-PGPUB; IBM_TDB	2004/07/27 15:32
-	1335	@ad<=20010119 and secure same storage same area	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:07
-	489	@ad<=20010119 and secure same storage near area	USPAT; US-PGPUB; IBM_TDB	2004/07/27 15:32
-	86	@ad<=20010119 and secure near storage near area	USPAT; US-PGPUB; IBM_TDB	2004/07/27 15:33
-	0	@ad<=20010119 and secure near storage near area same file same system	USPAT; US-PGPUB; IBM_TDB	2004/07/27 15:33
-	4	@ad<=20010119 and secure near storage near area same file	USPAT; US-PGPUB; IBM_TDB	2004/07/27 15:34
-	33	@ad<=20010119 and secure near storage near area same data	USPAT; US-PGPUB; IBM_TDB	2004/07/29 13:05
-	64	@ad<=20010119 and secur\$ near storage near area same data	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:00
-	13	@ad<=20010119 and secur\$ near storage near area same direct\$	USPAT; US-PGPUB; IBM_TDB	2004/07/27 15:35
-	8	@ad<=20010119 and secur\$ near storage near area same data and crypt\$	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:04
-	0	@ad<=20010119 and secur\$ near storage near area same stream and crypt\$	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:05
-	0	@ad<=20010119 and secur\$ near storage near area same stream	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:10
-	0	@ad<=20010119 and (secur\$ or crypt\$ or encryp\$) near storage near area same stream	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:16
-	5	@ad<=20010119 and (secur\$ or crypt\$ or encryp\$) same storage near area same stream	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:16
-	120	@ad<=20010119 and (secur\$ or crypt\$ or encryp\$) same storage near area same file	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:17
-	19	@ad<=20010119 and (secur\$ or crypt\$ or encryp\$) near storage near area same file	USPAT; US-PGPUB; IBM_TDB	2004/07/29 10:18
-	1	6249866.pn.	USPAT; US-PGPUB; IBM_TDB	2004/07/29 13:05

-	113	authentic\$ near server and japan	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:05
-	93	authentic\$ near server and yah\$	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:09
-	9	@ad<=20010119 and secure same storage same area and authentic\$ near server	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:07
-	8	@ad<=20010119 and secure same storage same area and authentic\$ near server and database	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:07
-	48	authentic\$ near server and yas\$	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:12
-	737	authentic\$ near server same database	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:11
-	410	authentic\$ near server same database and @ay<=2001	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:11
-	53	authentic\$ near server near database and @ay<=2001	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:11
-	0	authentic\$ near server and yasi\$	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:12
-	0	authentic\$ near server and yahi\$	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:13
-	2	authentic\$ near server and yoh\$	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:14
-	709	authentic\$ near server and access same encrypt\$ and @ay<=2001	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:26
-	486	authentication near server and access same encrypt\$ and @ay<=2001	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:15
-	390	authentication near server and access same encrypt\$ and @ay<=2001 and storage	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:18
-	353	authentication near server and access same encrypt\$ and @ay<=2001 and secure and storage	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:18
-	98	authentication near server and access same encrypt\$ and @ay<=2001 and secure same storage	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:18
-	32	authentication near server and access same encrypt\$ and @ay<=2001 and secure near storage	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:19
-	20	authentication adj server and access same encrypt\$ and @ay<=2001 and secure near storage	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:24
-	6	authentication adj server and access same encrypt\$ and @ay<=2001 and secure near storage and ACL	USPAT; US-PGPUB; IBM_TDB	2004/08/02 10:24
-	6	authentic\$ near server and (access adj control adj list) same encrypt\$ and @ay<=2001	USPAT; US-PGPUB; IBM_TDB	2004/08/02 14:06
-	114	access adj control same DAC and @ay<=2001	USPAT; US-PGPUB; IBM_TDB	2004/08/02 14:07

-	2	access adj control same DAC and real?time same auth\$ and @ay<=2001	USPAT; US-PGPUB; IBM_TDB	2004/08/02 14:11
-	22	DAC and real?time same auth\$ and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/02 14:09
-	209	access adj control and real?time same auth\$ and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/02 14:10
-	44	access adj control and MAC and real?time same auth\$ and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/02 14:10
-	6	access adj control and DAC and real?time same auth\$ and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/02 14:10
-	29	mandatory adj access adj control same auth\$ and @ay<=2001	USPAT; US-PGPUB; IBM_TDB	2004/08/02 14:12
-	32	discre\$ adj access adj control same auth\$ and @ay<=2001	USPAT; US-PGPUB; IBM_TDB	2004/08/02 14:21
-	28	discre\$ adj access adj control same auth\$ and @ay<=2001 and program	USPAT; US-PGPUB; IBM_TDB	2004/08/02 14:21
-	5	discre\$ adj access adj control same auth\$ same (program or application) and @ay<=2001	USPAT; US-PGPUB; IBM_TDB	2004/08/02 14:24
-	19	discre\$ adj access adj control same auth\$ and (program or application) and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/02 14:52
-	144	manage same access same files same (program or application) and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/02 15:52
-	36	709/223,225.ccls. and @ay<2001 and ((restrict\$3 or control\$3) with (user or client) with (application or program) with access\$3) and GUI	USPAT; US-PGPUB; IBM_TDB	2004/08/02 16:28
-	24	encrypted with access with control with list	USPAT; US-PGPUB; IBM_TDB	2004/08/02 16:30
-	25	hash with password and access adj control adj list	USPAT; US-PGPUB; IBM_TDB	2004/08/02 16:31
-	1	hash with password same salt and access adj control adj list	USPAT; US-PGPUB; IBM_TDB	2004/08/02 16:34
-	13	hash with password same stor\$2 and access adj control adj list	USPAT; US-PGPUB; IBM_TDB	2004/08/03 13:09
-	89	distributed with database same encrypt\$ and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 13:10
-	27	distributed with database same encrypt\$ and file adj system and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 14:46
-	0	distributed with acl same encrypt\$ and file adj system and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 14:52
-	1	distributed with acl same encrypt\$ and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 14:54
-	89	distributed with database same encrypt\$ and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 14:54

-	1	distributed with database same encrypt\$ same file adj system and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 14:55
-	16	distributed with database and encrypt\$ same file adj system and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 14:56
-	39	distributed with database and ((encrypt\$ or crypt\$) same file adj system) and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 15:41
-	6	distributed with identifier and ((encrypt\$ or crypt\$) same file adj system) and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 15:52
-	0	distributed near acl and ((encrypt\$ or crypt\$) same file adj system) and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 15:52
-	0	distributed near acl and (file adj system) and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 15:52
-	0	distributed near acl and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 15:52
-	6	distributed with acl and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 15:53
-	0	distributed with permission adj table and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 15:54
-	0	distributed same permission adj table and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 15:54
-	0	distributed same (permission adj table) and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 15:54
-	39	(permission adj table) and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/03 15:55
-	8	(permission adj table) and (file near system) and @ad<20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/05 13:09
-	1	5748735.pn.	USPAT; US-PGPUB; IBM_TDB	2004/08/05 10:22
-	1	5,787,169.pn.	USPAT; US-PGPUB; IBM_TDB	2004/08/05 10:22
-	1	5,495,533.pn.	USPAT; US-PGPUB; IBM_TDB	2004/08/05 15:39
-	8	trojan same intrusion adj detection and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/05 15:41
-	0	trojan same intrusion adj detection and @ad<=20010119 and rogue same (program or application)	USPAT; US-PGPUB; IBM_TDB	2004/08/05 15:41
-	0	trojan same intrusion adj detection and @ad<=20010119 and rogue same (program or application)	USPAT; US-PGPUB; IBM_TDB	2004/08/05 15:41
-	2	trojan same intrusion adj detection and @ad<=20010119 and malic\$ same (program or application)	USPAT; US-PGPUB; IBM_TDB	2004/08/05 15:41
-	1	6647400.pn.	USPAT; US-PGPUB; IBM_TDB	2004/08/06 09:40

-	0	unknown with process same access same data and @ad=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 09:41
-	0	unknown with process and access same data and @ad=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 09:41
-	396	unknown with application and access same data and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 09:41
-	33	unknown with process same access same data and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 10:01
-	1	unknown near process same access same data and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 09:43
-	69	trojan same access same data and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 09:45
-	23	trojan same access with data and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 09:48
-	1	detect same trojan same access with data and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 09:48
-	7	detect with trojan and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 09:51
-	3	detect with trojan and antivirus and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 09:51
-	7	unknown with process same auth\$ same access and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 10:03
-	65	(application or process or program) same illegal near access and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 10:04
-	37	(application or process or program) with illegal near access and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 10:06
-	2	(application or process or program) with (illegal or unauth\$) near file near access and @ad<=20010119	USPAT; US-PGPUB; IBM_TDB	2004/08/06 11:08


[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [more »](#)

rule based access

Search

[Advanced Search](#)  
[Preferences](#)
**Web**Results 1 - 10 of about 4,460,000 for rule based access. (0.40 seconds)**RSBAC - Rule Set Based Access Control**

... just been released ! Get it while it's hot in the download section  
 New features are: Improved On-Access Scanning with Dazuko module; ...  
[www.rsbac.org/](http://www.rsbac.org/) - [Similar pages](#)

**RSBAC home is at rsbac.org** - [ [Translate this page](#) ]

RSBAC home is at rsbac.org <http://rsbac.de/>.  
[www.rsbac.de/](http://www.rsbac.de/) - 1k - Aug 4, 2004 - [Cached](#) - [Similar pages](#)

**[PDF] Rule Based Access Control using the Public Key Infrastructure**

File Format: PDF/Adobe Acrobat

... **Rule Based Access Control (RBAC)** [11] **Rule based access control** changes the old paradigm of assigning a fixed set of **access permissions (Access Control Lists ...**  
[www.giac.org/practical/GSAE/Ken\\_Walsh\\_GSAE.pdf](http://www.giac.org/practical/GSAE/Ken_Walsh_GSAE.pdf) - [Similar pages](#)

**freshmeat.net: Project details for Rule Set Based Access Control**... **Rule Set Based Access Control** - Stable branch, Section: Unix. Added:

Fri, Jul 31st 1998 12:40 PDT (5 years, 12 months ago), Updated ...

[freshmeat.net/projects/rsbac/](http://freshmeat.net/projects/rsbac/) - 23k - [Cached](#) - [Similar pages](#)
**Rule based database access control—a practical approach**

... **Rule based database access control—a practical approach**. Full text,  
 pdf formatPdf (1.01 MB). Source, ACM Workshop on Role Based Access ...

[portal.acm.org/citation.cfm?id=266772&dl=ACM&coll=portal&CFID=1111111&CFTOKEN=2222222](http://portal.acm.org/citation.cfm?id=266772&dl=ACM&coll=portal&CFID=1111111&CFTOKEN=2222222) - [Similar pages](#)
**Google Answers: Difference Between Role-Based Access Model and ...**

Q: Difference Between Role-Based Access Model and Rule-Based Access

Model ( No Answer, 2 Comments ). Question, Subject: Difference ...

[answers.google.com/answers/threadview?id=71442](http://answers.google.com/answers/threadview?id=71442) - 16k - [Cached](#) - [Similar pages](#)
**Controlling Need-to-Know Access Using Rule Based Algorithms**

... One of the advantages of the **rule based access control** implemented within the application has been that user authentication was consistent with requirements ...

[www.osti.gov/inforum98/n2know.html](http://www.osti.gov/inforum98/n2know.html) - 21k - [Cached](#) - [Similar pages](#)
**Using the Rule-Based Optimizer**

... **TABLE ACCESS FULL EMP** Choosing Execution Plans for Joins with the RBO. Note: The following considerations apply to both the **cost-based** and **rule-based** approaches ...

[www.cise.uff.edu/help/database/oracle-dcs/server.920/a98533/rbo.htm](http://www.cise.uff.edu/help/database/oracle-dcs/server.920/a98533/rbo.htm) - 61k - [Cached](#) - [Similar pages](#)
**Enterprise Security Applications of Partition Rule Based Access ...**

June 18 - 20, 1997 MIT, Cambridge, MA. p. 0285 Enterprise Security

Applications of Partition **Rule Based Access Control (PRBAC)**. PDF. ...
[csdl.computer.org/comp/proceedings/wet-ice/1997/7967/9679670285abs.htm](http://csdl.computer.org/comp/proceedings/wet-ice/1997/7967/9679670285abs.htm) - 12k - [Cached](#) - [Similar pages](#)
**Microsoft Outlook: Outlook Web Access Rule based upon email alias**

... Search 960K Solutions, Advanced Search NEW! Solution Title: Outlook Web Access

**Rule based upon email alias**. asked by m1key on 06/08/2004 03:51AM PDT. ...
[www.experts-exchange.com/Applications/MS\\_Office/Outlook/Q\\_21017240.html](http://www.experts-exchange.com/Applications/MS_Office/Outlook/Q_21017240.html) - 55k - [Cached](#) - [Similar pages](#)

Google

Result Page:

1 2 3 4 5 6 7 8 9 10

[Next](#)

rule based access

Search



[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google